Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091715.D
Acq On : 17 Dec 2016 15:15
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
12/20/2016 11:40:33 AM

Quant Time: Dec 17 22:35:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	323615	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1309028	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	683123	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1113158	20.00	ng		0.00
75) Chrysene-d12	13.93	240	743082	20.00	ng		0.00
86) Perylene-d12	15.33	264	867223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1935187	100.02	ng		0.00
7) Phenol-d6	6.42	99	2079254	85.90	ng		0.00
23) Nitrobenzene-d5	7.34	82	1960173	82.59	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	468184	82.14	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2880414	74.29	ng		0.00
78) Terphenyl-d14	12.89	244	3082613	94.71	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	437275	42.99	ng		97
3) Pyridine	3.00	79	1473868	52.88	ng		96
4) n-Nitrosodimethylamine	2.97	42	553877	47.03	ng		99
6) Aniline	6.44	93	1400697	44.32	ng	#	53
8) 2-Chlorophenol	6.56	128	934162	43.06	ng		96
9) Benzaldehyde	6.32	77	614862	37.18	ng		99
10) Phenol	6.43	94	1053237	36.53	ng		85
11) bis(2-Chloroethyl)ether	6.51	93	952024	45.36	ng		98
12) 1,3-Dichlorobenzene	6.72	146	1071097	44.86	ng		98
13) 1,4-Dichlorobenzene	6.78	146	1021644	43.44	ng		99
14) 1,2-Dichlorobenzene	6.94	146	939895	44.55	ng		99
15) Benzyl Alcohol	6.92	79	786214	41.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1447014	44.31	ng		99
17) 2-Methylphenol	7.05	107	828387	46.02	ng		95
18) Hexachloroethane	7.29	117	418771	45.86	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	765363	50.89	ng	#	89
20) 3+4-Methylphenols	7.20	107	840247	37.61	ng	#	85
22) Acetophenone	7.20	105	1441876	45.56	ng	#	97
24) Nitrobenzene	7.37	77	1178289	48.27	ng	#	83
25) Isophorone	7.61	82	1989767	46.92	ng		98
26) 2-Nitrophenol	7.68	139	517175	46.71	ng		96
27) 2,4-Dimethylphenol	7.72	122	830265	42.55	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1092944	44.79	ng		99
29) 2,4-Dichlorophenol	7.93	162	834322	49.53	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	880519	45.78	ng		98
31) Naphthalene	8.09	128	2763799	44.85	ng		99
32) Benzoic acid	7.88	122	730687	54.89	ng		99
33) 4-Chloroaniline	8.13	127	1127636	42.39	ng		98
34) Hexachlorobutadiene	8.20	225	465460	42.80	ng		100
35) Caprolactam	8.52	113	249254	48.55	ng	#	67
36) 4-Chloro-3-methylphenol	8.62	107	813265	43.00	ng		100
37) 2-Methylnaphthalene	8.77	142	1742561	43.64	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	787950	41.77	ng		100
40) Hexachlorocyclopentadiene	8.93	237	378400	45.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	571379	47.41	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	550833	44.08	ng		97
45) 1,1'-Biphenyl	9.24	154	2275220	44.99	ng		99
46) 2-Chloronaphthalene	9.26	162	1715180	44.14	ng		98
47) 2-Nitroaniline	9.36	65	537924	42.23	ng		99
48) Acenaphthylene	9.68	152	2445792	41.63	ng		99
49) Dimethylphthalate	9.55	163	1998788	45.60	ng		99
50) 2,6-Dinitrotoluene	9.61	165	473403	48.98	ng	#	85
51) Acenaphthene	9.85	154	1703074	41.77	ng		99
52) 3-Nitroaniline	9.78	138	606491	53.92	ng		83
53) 2,4-Dinitrophenol	9.88	184	286078	75.00	ng		94
54) Dibenzofuran	10.02	168	2088109	41.32	ng		99
55) 4-Nitrophenol	9.94	139	369518	45.32	ng		97
56) 2,4-Dinitrotoluene	10.01	165	538497	44.93	ng		92
57) Fluorene	10.36	166	1682910	42.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	448639	46.44	ng		100
59) Diethylphthalate	10.25	149	2033087	48.55	ng		95
60) 4-Chlorophenyl-phenylether	10.35	204	706432	39.60	ng		98
61) 4-Nitroaniline	10.38	138	567855	50.39	ng		99
62) Azobenzene	10.51	77	1990725	42.54	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	373948	62.84	ng		75
65) n-Nitrosodiphenylamine	10.48	169	1463536	43.04	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	496959	43.25	ng		98
67) Hexachlorobenzene	10.91	284	564382	46.23	ng		97
68) Atrazine	11.00	200	485129	45.29	ng		99
69) Pentachlorophenol	11.10	266	349477	50.79	ng		99
70) Phenanthrene	11.32	178	2678467	47.03	ng		100
71) Anthracene	11.37	178	2364860	40.11	ng		100
72) Carbazole	11.53	167	2274210	42.63	ng		100
73) Di-n-butylphthalate	11.86	149	2938546	47.99	ng		100
74) Fluoranthene	12.50	202	2572392	44.60	ng		100
76) Benzidine	12.63	184	914441	39.75	ng		99
77) Pyrene	12.73	202	2602521	44.74	ng		99
79) Butylbenzylphthalate	13.36	149	1225647	52.26	ng		100
80) Benzo(a)anthracene	13.92	228	2053423	47.15	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	913607	57.10	ng	#	94
82) Chrysene	13.96	228	2249820	49.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1532784	51.42	ng		100
84) Di-n-octyl phthalate	14.53	149	2994355	57.90	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	2278944	54.61	ng		99
87) Benzo(b)fluoranthene	14.95	252	2682522m	50.49	ng		
88) Benzo(k)fluoranthene	14.97	252	1594099m	35.66	ng		
89) Benzo(a)pyrene	15.28	252	2154069	45.99	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	1878734	44.66	ng		97
91) Benzo(g,h,i)perylene	17.11	276	1927465	44.83	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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